

Converting Colors

$Yxy(65.4779, 0.2951, 0.3074)$

Have a look what the booklet for
Yxy(65.4779, 0.2951, 0.3074)
contains.

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Color

Yxy(65.3372, 0.2951, 0.3066)

Conversions

Conversions Part 1

Format	Color
Hex	CDD3E7
RGB	205, 211, 231
RGB Percent	80%, 83%, 91%
CMY	0.1962, 0.1725, 0.0942
CMYK	0.11, 0.09, 0.00, 0.09
HSL	226°, 35%, 85%
HSV	226°, 11%, 91%
XYZ	62.8865, 65.3372, 84.8787
YIQ	211.4860, -9.9960, 4.9480

Conversions

Conversions Part 2

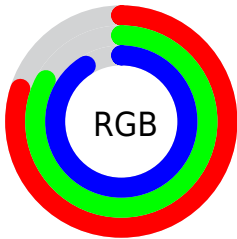
Format	Color
R _Y B	205, 210, 231
Decimal	13489127
CIE Lab	84.66, 1.82, -10.52
CIE LCh	85, 10.677, 279.823
Yxy	65.3372, 0.2951, 0.3066
Android (android.graphics.Color)	4291679207 (0xFFCDD3E7)
YUV	211.4860, 9.6204, -5.6882
Hunter-Lab	80.8314, -2.5827, -5.6767

Details

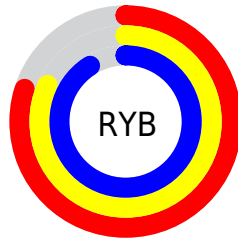
The Yxy color $65.3372, 0.2951, 0.3066$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $75.2068, 0.3302, 0.3504$, and the grayscale version is $65.4181, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $33.7884, 0.2914, 0.3025$ is the 20% darker color. If you saturate the color by 10%, you get $53.9638, 0.2780, 0.2840$, and if you desaturate by 10%, it is $78.1729, 0.3108, 0.3267$.

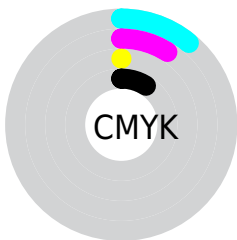
Distribution



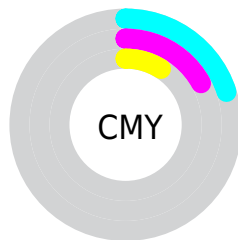
- Red (80%)
- Green (83%)
- Blue (91%)



- Red (80%)
- Yellow (82%)
- Blue (91%)



- Cyan (11%)
- Magenta (9%)
- Yellow (0%)
- Black (9%)



- Cyan (20%)
- Magenta (17%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.3372, 0.2951, 0.3066 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 65.3372, 0.2951, 0.3066 by changing the saturation by 10% instead.

■ 65.3372, 0.2951,
0.3066

■ 65.3372, 0.2951,
0.3066

444.0027, 0.3034,
0.3171

■ 47.7346, 0.2932,
0.3042

112.5345, 0.2980,
0.3103

■ 33.6167, 0.2908,
0.3012

142.8980, 0.2991,
0.3117

■ 22.5993, 0.2877,
0.2973

178.2838, 0.3001,
0.3129

■ 14.2979, 0.2836,
0.2922

219.0764, 0.3009,
0.3140

■ 8.3282, 0.2779,
0.2852

265.6603, 0.3017,
0.3149

■ 4.3056, 0.2696,
0.2750

318.4196, 0.3023,

■ 1.8460, 0.2561,

0.3157

0.2586

377.7390, 0.3029,
0.3164

0.5156, 0.2240,
0.2160

0.0000, 0.0000,
0.0000

65.3372, 0.2951,
0.3066

65.3372, 0.2951,
0.3066

53.9638, 0.2780,
0.2840

78.1729, 0.3108,
0.3267

43.9918, 0.2597,
0.2590

92.5124, 0.3251,
0.3443

35.3681, 0.2407,
0.2318

98.5481, 0.3268,
0.3523

28.0333, 0.2215,
0.2032

■ 21.9229, 0.2031,
0.1740

■ 16.9667, 0.1865,
0.1458

■ 13.0870, 0.1727,
0.1200

■ 10.1949, 0.1625,
0.0983

■ 8.3746, 0.1565,
0.0834

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



65.3372, 0.2882, 0.3110



65.3372, 0.2951, 0.3066



65.3372, 0.3068, 0.3080

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



65.3372, 0.2951, 0.3066



65.3372, 0.3385, 0.3366



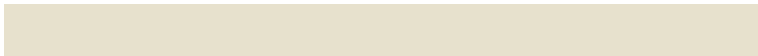
65.3372, 0.3048, 0.3440

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



65.3372, 0.2951, 0.3066



75.2068, 0.3302, 0.3504

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



65.3372, 0.3182, 0.3511



65.3372, 0.2951, 0.3066



65.3372, 0.3378, 0.3465

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



65.3372, 0.2951, 0.3066



65.3372, 0.3320, 0.3251



65.3372, 0.3303, 0.3520



65.3372, 0.2937, 0.3326

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



65.3372, 0.2951, 0.3066



65.3372, 0.3158, 0.3120



65.3372, 0.3303, 0.3520



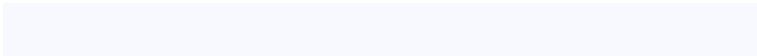
65.3372, 0.3092, 0.3470

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



65.3399, 0.2951, 0.3066



94.8878, 0.3082, 0.3233



75.5448, 0.2991, 0.3357



20.0237, 0.3069, 0.3217



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



65.3399, 0.2951, 0.3066



77.5899, 0.2904, 0.3005



63.4026, 0.3000, 0.3001



14.4278, 0.2980, 0.3104



4.8528, 0.1572, 0.0857



0.4983, 0.1647, 0.1129

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



65.3396, 0.3284, 0.3225



77.6586, 0.3329, 0.3208



77.3985, 0.3246, 0.3571



14.4226, 0.3256, 0.3236



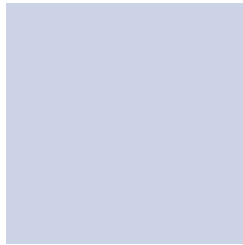
9.6876, 0.5978, 0.3067



0.7300, 0.5569, 0.2841

Previews

White Background



This preview shows how the Yxy color 65.3372, 0.2951, 0.3066 looks on a white background.

Color Contrast Check

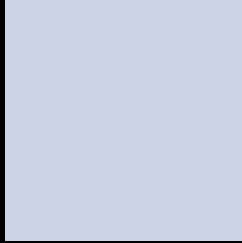
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 65.3372, 0.2951, 0.3066 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

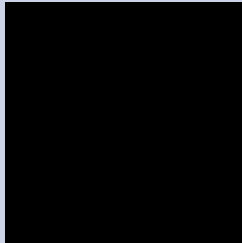
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

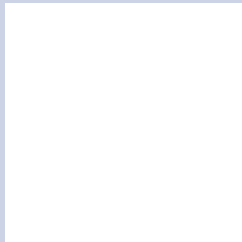
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.3372, 0.2951, 0.3066

Background



This preview shows how black text looks on a background with the Yxy color 65.3372, 0.2951, 0.3066.

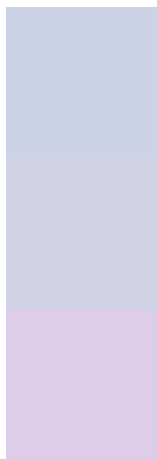


This preview shows how white text looks on a background with the Yxy color 65.3372, 0.2951, 0.3066.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

65.3372, 0.2951, 0.3066

Protanopia

65.3617, 0.2985, 0.3067

Deuteranopia

65.0184, 0.3067, 0.2997



Tritanopia

65.1691, 0.2970, 0.3098

Trichromacy



Original Color

65.3372, 0.2951, 0.3066

Protanomaly

65.2163, 0.2978, 0.3067

Deuteranomaly

65.0508, 0.3022, 0.3016

Tritanomaly

65.2248, 0.2964, 0.3087

Monochromacy



Original Color

65.3372, 0.2951, 0.3066

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

65.2058, 0.3065, 0.3211

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.3372, 0.2951, 0.3066 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(205, 211, 231)` looks like.

```
.text, #text, p{  
    color:rgb(205, 211, 231)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(205, 211, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 211, 231) }
```

Border

The CSS property to change the border of an element to Yxy 65.3372, 0.2951, 0.3066 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(205, 211, 231) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(205, 211, 231) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(205, 211, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 211, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 211, 231);  
box-shadow:4px 4px 4px 4px rgb(205, 211,  
231) }
```


Background

The CSS property to change the background color of an element to Yxy 65.3372, 0.2951, 0.3066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 211, 231) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(205,  
211, 231) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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